

## SPECIAL PAPERS ON GENERAL METEOROLOGY.

## RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Junior Professor in Charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies. Anonymous publications are indicated by a ———.

- Austria-Hungary. K. k. hydrographischer Dienst in Oesterreich.**  
Wochenberichte über die Schneebeobachtungen im oesterreichischen Weichsel-, Dniepr-, Dniepr-, Pruth-, und Serethgebiete, 1911/12. [Lemberg. 1912.] 27 p. f°.
- Wochenberichte über die Schneebeobachtungen im oesterreichischen Rhein-, Donau-, Oder-, und Adriagebiete, 1911/12. Wien. 1912. 57 p. f°.
- Wochenberichte über die Schneebeobachtungen im oesterreichischen Elbegebiete und im böhmischen Donau- und Odergebiete, 1911/12. Prag. 1912. 21 p. f°.
- Austria-Hungary. K. k. Kriegsmarine, Pola.**  
Jahrbuch der meteorologischen, erdmagnetischen und seismischen Beobachtungen, 1911. Pola. 1912. xxiv, 176 p. f°.
- Barnes, Howard T.**  
Icebergs and their location in navigation. [London. 1912.] 20 p. 8°. (Royal institution of Great Britain. [Publication])
- Benedict, Francis G[ano].**  
The composition of the atmosphere, with special reference to its oxygen content. Washington. 1912. iii, 115 p. 8°. (Carnegie institution of Washington. Publication no. 166.)
- Bologna. Università. Osservatorio.**  
Osservazioni meteorologiche dell' annata 1911. Bologna. 1912. 31 p. f°.
- Brückner, Eduard.**  
Klimaschwankungen und Völkerwanderungen im XIX. Jahrhundert. [Berlin. 1910.] 15 p. 4°. (*Reprint*: Internat. Wochenschr. f. Wissensch., Kunst u. Technik, Berlin, 1910, 5. März.)
- Coburg. Verein für Wetterkunde.**  
29. Jahresbericht, 1911. [Coburg. 1912.] 16 p. plates. 8°.
- Defant, Alibert.**  
Die Veränderungen in der allgemeinen Zirkulation der Atmosphäre in den gemäßigten Breiten der Erde. Wien. 1912. 208 p. 8°. (*Reprint*: Sitzber., Akad. d. Wiss., Wien, Math.-Naturw. Kl. Bd. 121, Abth. 2a, März, 1912.)
- Delrock, Ch.**  
Astronomie et météorologie à la portée de tous. 3me éd. Bruxelles. 1893. 176 p. 8°.
- Dickson, H. N.**  
Climate and weather. London. n. d. 256 p. 16°. (Home university library of modern knowledge.)
- Elderton, W. Palin.**  
Frequency-curves and correlation. London. [1906.] xiii, 172 p. 8°. (Published for the Institute of Actuaries.)
- Fleming, J. A.**  
Waves and ripples in water, air, and aether. 2d issue, rev. London. 1912. xii, 299 p. 12°.
- Fowler, G. Herbert. editor.**  
Science of the sea, an elementary handbook of practical oceanography. London. 1912. xviii, 452 p. 8°. (Prepared by the Challenger Society.)
- Gagelmann, Friedrich [Wilhelm Theodor].**  
Die sommerlichen Regengebiete in West- und Mitteleuropa. Frankfurt a/M. 1912. 40 p. 4°. (*Diss.*—Giessen.)
- Great Britain. Advisory committee for aeronautics.**  
Technical report for the year 1911-12. (with appendices). London. 1912. 323 p. 8°.
- Great Britain. Meteorological committee.**  
Seventh annual report. for the year ended 31st March 1912. London. 1912. 173 p. 8°.
- Hamburg. Deutsche Seewarte.**  
Ergebnisse der meteorologischen Beobachtungen im Systeme der Deutschen Seewarte für das Lustrum 1906-1910. Hamburg. 1912. 10 p. f°.
- Japan. Central meteorological observatory.**  
Annual report, for 1911. Pt. I. Meteorological observations in Japan. Tokio. 1912. 397 p. 4°.
- Mizusawa. International latitude observatory.**  
Annual report of the meteorological and the seismological observations, for the year 1911. With appendix, General mean of the meteorological observations during 1902-1911. Mizusawa. 1912. 47 p. 4°.
- New Zealand. Meteorological office.**  
Meteorology [for the year 1911.] n. p. [1912.] f°. (*Reprint*: Statistics of New Zealand for the year 1911, p. 375-384.)
- Peppler, Albert.**  
Aerologische Studien über Zyklonen und Antizyklonen. Leipzig. 1912. [2]. 62 p. 4°. (Inaug. diss.—Giessen.)
- Plummer, Fred G.**  
Forest fires: their causes, extent and effects, with a summary of recorded destruction and loss. Washington. 1912. 39 p. 8°. (U. S. Forest service. Bull. 117.) [Discusses meteorological relations of forest fires; "dark days," dry fog, Indian summer, etc.]
- Prussia. Landesanstalt für Gewässerkunde.**  
Jahrbuch für die Gewässerkunde Norddeutschlands, Abflussjahr 1910. Berlin. 1912. var. pag. f°.
- Ridgley, Douglas C.**  
General circulation of the atmosphere. Normal, III. [c1910.] 27 p. 12°. (Geographical pamphlet series.)  
Rainfall of the earth. Normal, III. [c1910.] 30 p. 12°. (Geographical pamphlet series.)
- Straits Settlements.**  
Meteorological returns, for the year 1910. Singapore. 1912. 21, [120] p. f°.
- Trieste. I. r. osservatorio marittimo.**  
Rapporto annuale per l'anno 1908, v. 25. Trieste. 1912. [4], 123 p. f°.
- U. S. Department of agriculture. Library.**  
Catalogue of publications relating to forestry in the library of the United States Department of agriculture. Washington. 1912. 302 p. 8°. (Bull. 76.) [Includes references on the influence of forests on climate and stream-flow.]
- Vageler, Paul.**  
Die Bindung des atmosphärischen Stickstoffs in Natur und Technik. Braunschweig. 1908. ix, 132 p. 8°. (Die Wissenschaft, Heft 26.)
- Venice. Ufficio idrografico.**  
Carta annuale delle piogge nella regione veneta per il 1911. Venezia. 1912. 44 p. 1 map. 4°.
- Württemberg. Königl. württemberg. meteorologische Zentralstation.**  
Deutsches meteorologisches Jahrbuch für 1911, Württemberg. Stuttgart. 1912. 68 p. f°.
- Zi-ka-wei. Observatoire magnétique, météorologique et sismologique.**  
Les cartes du temps de Zi-ka-wei et les moyennes mensuelles, par L. Froc. Chang-hai. [1912.] 5 p. f°. (*Reprint*: Zi-ka-wei. Bulletin météorologique de 1909, Appendice.)

## RECENT PAPERS BEARING ON METEOROLOGY

C. FITZHUGH TALMAN, Junior Professor in Charge of Library.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteor